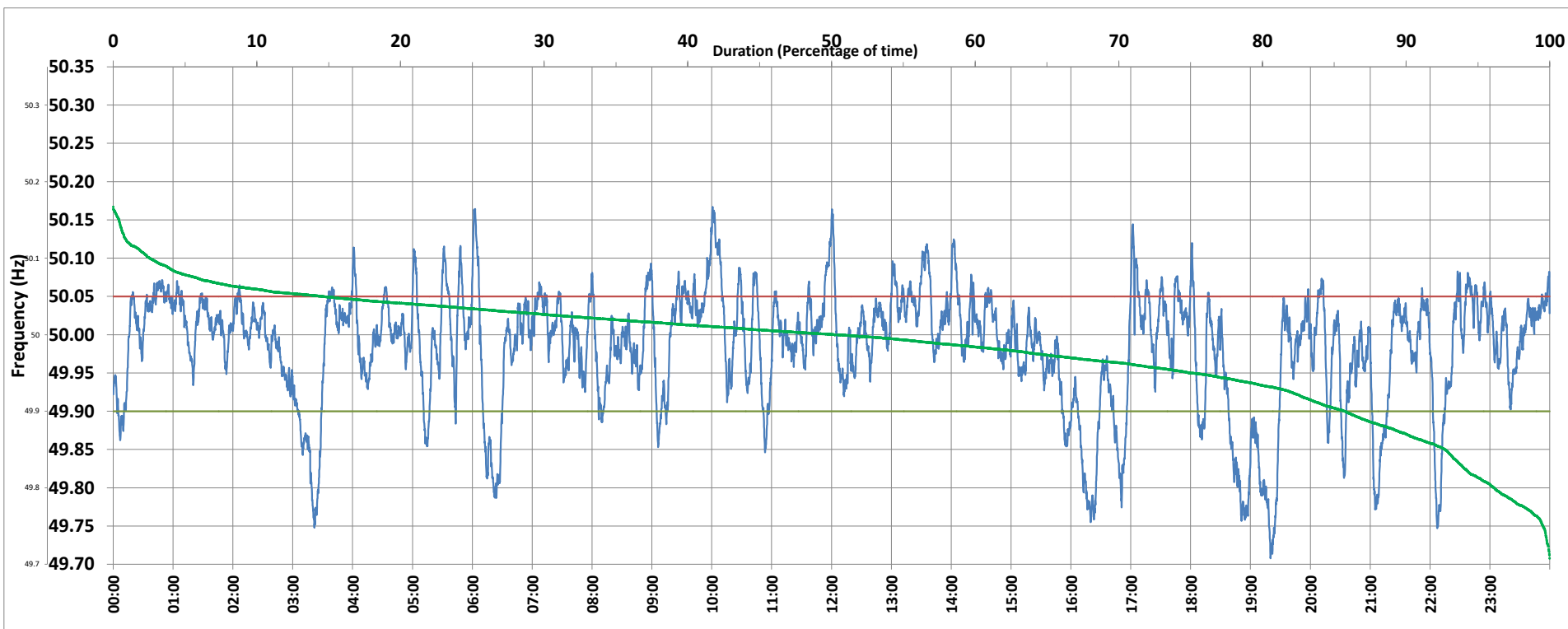


POWER SYSTEM OPERATION CORPORATION LIMITED

NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



Frequency profile for 30-Mar-2020 (Monday)



<49.7	<49.90	<49.97	49.7-49.8	49.8-49.9	49.9-50.0	50.0-50.1	50.1-50.2	49.90-50.05	49.7-50.2	49.97-50.03	50.05-50.1	>50	>50.03	>50.05	>50.2	<49.95	49.95-50.05	49.90-49.95
0.00	14.26	33.36	3.88	10.38	35.29	47.89	2.56	71.18	100.00	39.10	12.04	50.23	27.55	14.56	0.00	24.93	60.51	10.67

Average Frequency : 49.983	Frequency Variation Index : 0.0615	Standard Deviation : 0.0766	Mileage: 38.1	FDI: 28.8
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Instantaneous Frequency		
Max	50.167	10:00:40
Min	49.708	19:20:00

15 minute Average Frequency		
Max	50.086	10:15:00
Min	49.781	19:30:00

No. of excursions	
above 50.03 Hz	123
below 49.97 Hz	92
above 50.00 Hz	134
below 50.00 Hz	133

Average time freq per excursion remains	
below 49.97	0:05:13
above 50.03	0:03:13

No. of hours freq outside 49.9-50.05 Hz	6:55:00
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Source : NTPC-VINDHYACHAL:Frequency 10 Sec. (8640 samples)